

Mineral Industry Surveys

For information, contact:

Alan Founie, Gypsum Commodity Specialist
U.S. Geological Survey
983 National Center
Reston, VA 20192
Telephone: (703) 648-7720, Fax: (703) 648-7975
E-mail: afounie@usgs.gov

Virginia C. Harper (Data)
Telephone: (703) 648-7983
Fax: (703) 648-7975
E-mail: vharper@usgs.gov

Internet: <http://minerals.usgs.gov/minerals>

GYPSUM IN JULY 2006

Producers mined 1.55 million metric tons (Mt) of gypsum in July 2006 (table 1). Output was 8% less than that of June 2006 and 2% less than that of July 2005. Synthetic gypsum production was 668,000 metric tons (t) in July 2006 (table 1), which was 5% less than that of June 2006 and 18% less than that of July 2005. Both mined and synthetic gypsum are used as raw material for wallboard. The wallboard industry is the largest domestic consumer of gypsum. During January through June 2006 synthetic gypsum accounted for 4.51 Mt, or about 23%, of the 20-Mt supply of gypsum in the United States. Sales of uncalcined gypsum, mainly for portland cement manufacture and for agricultural uses, were 549,000 t (table 2), 13% less than those of June 2006 and 18% less than those of July 2005.

Output of calcined gypsum for July 2006 (table 1) was 2.0 Mt, 8% less than that of June 2006 and 4% less than that of July 2005. Sales of board products were about 2.9 billion square feet (265 million square meters), 14% less than those of June 2006 and about the same as July 2005.

U.S. Government import and export data for July 2006 were not available at the time of publication. According to the U.S. Census Bureau, imports of crude gypsum in June 2006 were 972,000 t (table 3), 10% less than those of May 2006 and about the same as those of June 2005. Gypsum wallboard imports for June 2006 were 103,000 t, equivalent to 123 million square feet (11.4 million square meters). These imports were 16% more than those of May 2006 and 63% more than those of June 2005. Canada accounted for 44% of wallboard imports, followed by Mexico with 35%, Germany with 11%, China with 9%, and Hong Kong and Israel with 1%. Wallboard exports to 28 countries and territories in May 2006 were 8,200 t, equivalent to 9.9 million square feet (915,000 square meters). These exports were 9% more than those of May 2006 and 37% more than those of June 2005.

All percentages in this report were computed based on unrounded data.

TABLE 1
GYPSUM SUPPLY^{1, 2}

(Metric tons)

	2006			2005
	July	June	January-July	January-July
Crude:				
Mined ³	1,550,000	1,690,000	11,100,000	10,400,000
Imported ⁴	NA	972,000	NA	6,340,000
Synthetic gypsum ⁵	668,000	700,000	5,180,000	5,300,000
Total supply	NA	3,360,000	NA	22,000,000
Crude, exported ⁴	NA	9,310	NA	99,100
Consumption	NA	3,350,000	NA	21,900,000
Calcined:				
Produced	2,030,000	2,200,000	15,000,000	14,000,000
Imported ⁶	NA	558	NA	2,530
Total supply	NA	2,200,000	NA	14,000,000
Exported ⁶	NA	21,900	NA	103,000
Consumption	NA	2,170,000	NA	13,900,000

NA Not available.

¹Includes data from the Gypsum Association.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Some data were estimated from semiannual reports.

⁴Import and export data are for "Gypsum; anhydrite," Harmonized Tariff Schedule 2520.10.0000.

⁵Reported production only.

⁶Import and export data are for "Plaster," Harmonized Tariff Schedule 2520.20.0000.

TABLE 2
GYPSUM SOLD OR USED BY PRODUCERS, BY USE^{1, 2}

(Metric tons, unless otherwise specified)

	2006			2005
	July	June	January-July	January-July
Uncalcined: ³				
Portland cement	323,000	418,000	2,070,000	2,270,000
Agriculture and miscellaneous	227,000	214,000	1,430,000	1,560,000
Total	549,000	632,000	3,600,000	3,830,000
Calcined:				
Board products ⁴	2,380,000	2,770,000	18,200,000	17,200,000
Plaster	10,800	12,000	87,200	94,700
Total	2,390,000	2,780,000	18,300,000	17,300,000
Board products: (thousand square feet) ⁵				
Regular board	1,720,000	1,990,000	13,300,000	12,700,000
Type X board	886,000	1,040,000	6,600,000	6,090,000
Other	249,000	296,000	19,600,000	1,930,000
Total supply	2,850,000	3,320,000	39,500,000	20,700,000

¹Includes data from the Gypsum Association.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Does not include synthetic gypsum from electric power plants.

⁴Includes weight of paper and other materials.

⁵One square meter equals 10.78 square feet.

TABLE 3
CRUDE GYPSUM IMPORTED FOR CONSUMPTION¹

(Metric tons)

Country of origin	2006			2005
	June	May	January-June	January-June
Austria	--	--	27	--
Bahrain	--	--	--	7
Brazil	6,010	--	6,010	--
Canada	700,000	764,000	3,860,000	2,980,000
China	3,320	9,390	26,200	16
Denmark	--	--	--	15
Dominica	--	--	--	2
Dominican Republic	3,900	--	35,500	94,000
France	--	--	983	17
Germany	2	160	14,100	60
India	--	--	1	--
Italy	--	--	--	1
Jamaica	3,940	--	3,940	43,100
Korea, Republic of	--	--	5	--
Mexico	251,000	274,000	1,670,000	1,220,000
Peru	--	--	--	79
Spain	3,940	33,000	443,000	343,000
Sweden	--	--	20	40
United Kingdom	--	23	40	--
Total	972,000	1,080,000	6,060,000	4,680,000

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau.

TABLE 4
CRUDE GYPSUM IN THE UNITED STATES^{1,2}

(Thousand metric tons)

Period	Consumption ³	Production ⁴	Imports ⁵	Exports ⁵
2005:				
June	2,580	1,620	972	10
July	2,500	1,590	923	9
August	2,550	1,630	926	12
September	2,890	1,680	1,230	18
October	2,550	1,720	848	14
November	2,400	1,550	863	17
December	2,840	1,820	1,040	14
January-December	30,200	19,200	11,200	189
2006:				
January	2,580	1,590	997	14
February	2,410	1,490	928	12
March	2,600	1,640	970	14
April	2,650	1,540	1,120	8
May	2,710	1,640	1,080	10
June	2,650	1,690	972	9
July	NA	1,550	NA	NA

NA Not available.

¹Excludes synthetic gypsum.

²Data are rounded to no more than three significant digits.

³Consumption calculated by adding the production and imports shown in this table and subtracting the exports shown in this table. Monthly inventory changes are not included.

⁴Production data are from the semiannual gypsum canvasses of the non-wallboard producers, annual canvass of all producers, and from monthly data furnished by the Gypsum Association from the wallboard producers.

⁵Data from U.S. Census Bureau.

TABLE 5
SALES OF GYPSUM BOARD PRODUCTS, BY SALES REGIONS^{1,2}

(Thousand square feet)³

	New England	Middle Atlantic	E. North Central	W. North Central	South Atlantic	E. South Central	W. South Central	Mountain	Pacific	Exports	Total
2006:											
July:											
Veneer base	18,200	1,960	6,080	434	7,030	23	24	165	1,380	67	35,400
Sheathing	1,030	3,860	4,870	4,330	18,600	2,860	9,880	7,900	8,430	2,280	64,100
Regular gypsum board	30,500	121,000	167,000	93,100	509,000	146,000	248,000	177,000	187,000	39,500	1,720,000
Type X gypsum board	24,500	84,900	103,000	55,600	172,000	35,200	109,000	115,000	179,000	8,520	886,000
Predecorated board	241	591	1,010	443	1,260	322	954	227	570	82	5,690
5/16 Mobile home board	--	870	3,440	--	6,260	7,360	4,950	143	117	--	23,100
Water/moisture resistant board	4,830	20,400	12,300	5,340	29,900	5,920	12,200	10,200	15,200	4,490	121,000
Total	79,300	233,000	297,000	159,000	744,000	197,000	384,000	311,000	392,000	55,000	2,850,000
January- July:											
Veneer base	163,000	15,600	49,400	4,370	60,100	191	141	2,340	10,600	315	306,000
Sheathing	10,000	33,000	39,800	36,900	126,000	21,800	73,900	52,700	66,100	12,300	473,000
Regular gypsum board	281,000	1,000,000	1,460,000	773,000	3,920,000	1,010,000	1,840,000	1,380,000	1,410,000	260,000	13,300,000
Type X gypsum board	203,000	646,000	860,000	474,000	1,160,000	258,000	731,000	876,000	1,330,000	57,700	6,600,000
Predecorated board	2,000	5,280	6,510	3,480	9,210	2,830	7,190	2,560	4,450	399	43,900
5/16 Mobile home board	--	5,240	20,000	--	62,200	84,000	40,400	784	2,520	78	215,000
Water/moisture resistant board	37,500	155,000	104,000	45,100	218,000	42,300	91,100	79,100	115,000	31,500	918,000
Total	697,000	1,860,000	2,540,000	1,340,000	5,550,000	1,420,000	2,780,000	2,400,000	2,940,000	363,000	21,900,000

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Sales region equivalent to U.S. Census Bureau Geographic Division as follows: New England (CT, MA, ME, NH, RI, VT); Middle Atlantic (NJ, NY, PA); East North Central (IL, IN, MI, OH, WI); West North Central (IA, KS, MN, MO, NE, ND, SD); South Atlantic (DC, DE, FL, GA, MD, NC, SC, VA, WV); East South Central (AL, KY, MS, TN); West South Central (AR, LA, OK, TX); Mountain (AZ, CO, ID, MT, NM, NV, UT, WY); Pacific (AK, CA, HI, OR, WA).

³One square meter equals 10.78 square feet.

Source: Gypsum Association.